GE
Lighting Solutions

GEH-5736F
INSTRUCTIONS

Ultra★Sport™ Floodlight

READ THOROUGHLY BEFORE INSTALLING

⚠ WARNING

Risk of electric shock
- Turn power off before servicing – see instructions

NOTE: Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements.

NOTE: This luminaire is equipped with a safety circuit to prevent lamp operation if the reflector lens is broken. *Complete optical assembly must be replaced if the reflector lens is broken.*

This luminaire is shipped with the lamp **installed**.

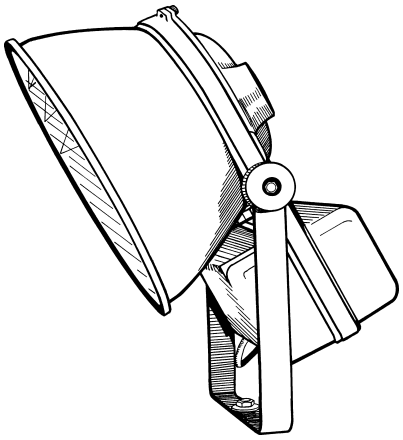
This luminaire is designed for use in outdoor applications and should not be used in areas of limited ventilation or high ambient temperature enclosures unless otherwise stated on nameplate. Install and maintain it according to the following recommendations.

NOTE: Connect ground lead to the green lead, green ground screw on housing or terminal block provided.

Replace power fuses only with fuses of the same type and ratings.

⚠ WARNING

Risk of fire
- Keep combustible materials away from lens – see instructions
- Use lamps specified on nameplate



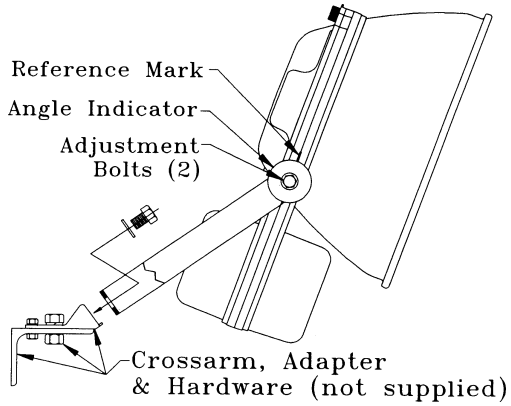
⚠ CAUTION

Unit will fall if not installed properly
- Follow installation instructions

NOTE: Verify that supply voltage is correct by comparing it to nameplate.

Do not place combustible materials within 7 feet (2 meters) of the front of the reflector lens.

Step 2 — LUMINAIRE MOUNTING

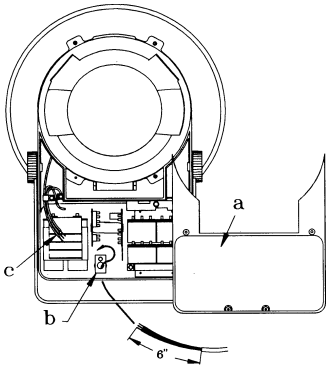


Step 1 — POWER CABLE INSTALLATION

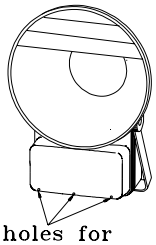
A. Disconnect Power
B. Remove Cover (a)
C. Loosen clamp (b) Insert cable thru clamp and grommet
D. Splice leads (c) to power cable
E. Tighten clamp (b)
F. Replace cover (a)

NOTE: Use 9/16 OD-cable only.

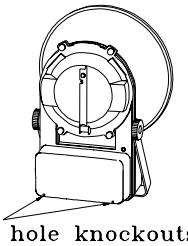
3 conductor AWG #14 SEO 105C cable is recommended.



Step 3



Drain holes for fixtures aimed below horizontal. Seal with silicone sealer for fixtures aimed above the horizontal.



Drain hole knockouts for fixtures aimed above the horizontal. Punchout from the inside of the ballast cover.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to GE Lighting Solutions.

Step 4 — LUMINAIRE AIMING

Two sighting systems are provided for your convenience. Use the sight system which is most easily accessed.

Optical Sight:

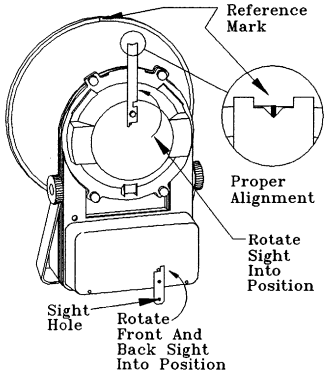
A. Rotate sight into vertical position.

B. Align the reference mark of top of reflector flange with notch in sight for proper aiming.

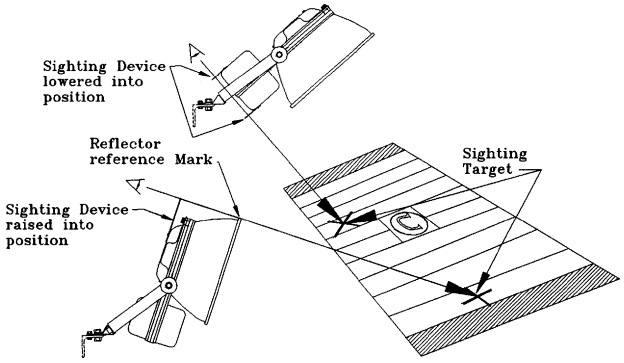
Base Sight

A. Rotate front and back sight into vertical position.

B. Align the two sighting holes for proper aiming.



Step 5



After positioning luminaire, tighten all mounting hardware.

Step 6

Connect power cable to suitable supply in accordance with all applicable codes.

INSTALLATION CLEANING:

DO NOT CLEAN INTERNAL OPTICAL SYSTEM

The UltraMSport floodlight has been specially re-cleaned at the factory. Field cleaning of the internal optical system during installation is not recommended.

EXTERNAL CLEANING

Initial cleaning of the outside of the glass lens may be required to ensure optimum optical efficiency.

Clean front glass with a mild soap and water solution rinse clean and wipe dry.

CLEANING INSTRUCTIONS AND CAUTIONS

CAUTION

Risk of burn

- Allow lamp/fixture to cool before handling

Caution: Do not touch quartz tube lamp with bare hands! If lamp is handled, finger prints, grease or oils should be removed from the lamp with isopropyl alcohol. This will remove material which cause whitish spotting and premature lamp failure. Dry lamp carefully with cotton or clean cloth.

PERIODIC CLEANING WHEN RELAMPING:

INTERNAL:

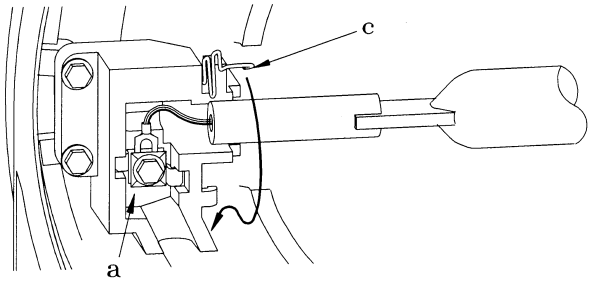
Should the internal reflector system require cleaning, use only non-abrasive, neutral (pH 6-8) cleaner containing no chlorinated or aromatic hydrocarbons.
Rinse clean and wipe dry.

EXTERNAL:

Clean front glass with a mild soap and water solution, rinse clean and wipe dry.

NOTICE: Drain holes are provided in the proper locations for customary mounting positions. If floodlight is to be aimed up above the horizontal, it is necessary to punch out the two knockouts in the rear ballast cover and plug the three front housing drain holes with a suitable material such as silicone RTV.

LAMP REPLACEMENT

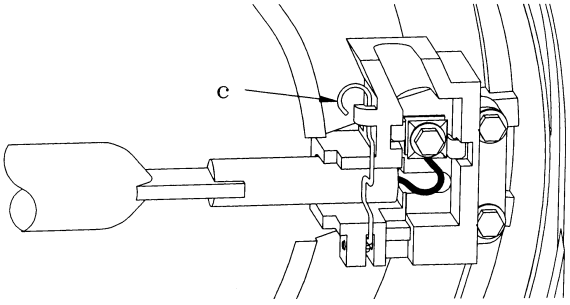


A. Insert the lamp terminal into the socket terminal (a) at both ends of the lamp and torque screws to 20 in. lbs.

B. Slide the lamp ends into the sockets.

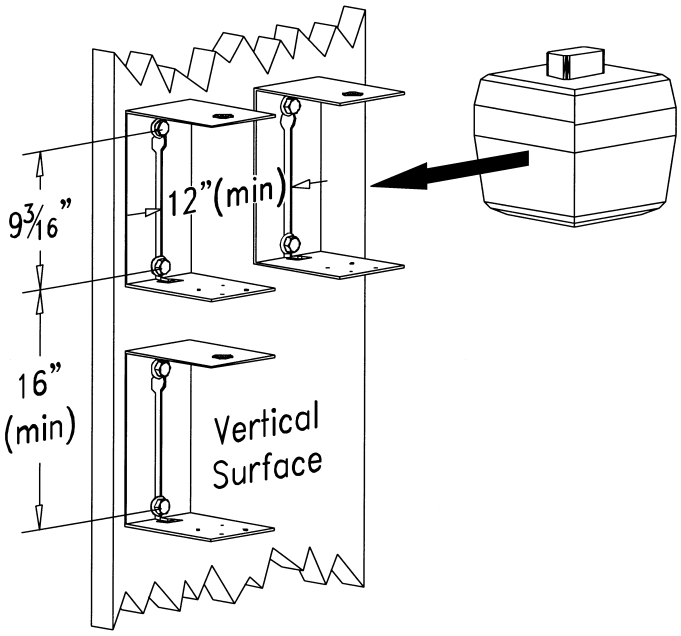
C. Latch the lamp retainers (c).

D. Close and rebolt the relamping door. Tighten bolts to 50 in. lbs. torque.



REMOTE BALLAST MOUNTING

See below illustration for bolt spacing and bracket minimum spacing.



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